

# Map & Photo Legend



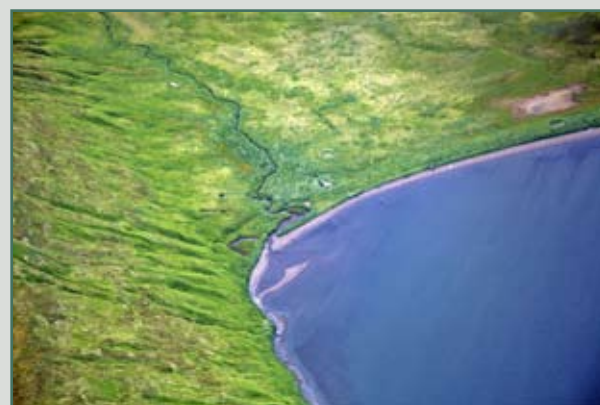
Akutan Harbor viewed from the east.







EX02(a-c) viewed from the east.



EX02(b&c) viewed from the southeast.



EX02(a) viewed from the southeast.

-  Free-oil Containment and Recovery, Shallow Water
-  Exclusion Booming
-  Passive Recovery
-  Snare Line
-  Tidal-seal Boom

## Geographic Response Strategies for Aleutians Subarea

### Akutan Island, AEB-03




Center of map at 54° 08.10' N Lat., 165° 43.80' W Lon.



This is not intended for navigational use.

Soundings in fathoms



| ID   | Location and Description   | Response Strategy   | Implementation   | Response Resources   | Staging Area                      | Site Access                            | Resources Protected<br>(months)  | Special Considerations   |
|--|--|---|--|--|-----------------------------------|--|--|--|
| AEB-03-01<br>   | <b>Akutan Harbor</b><br>Nearshore waters in the general area of:<br><br>Lat. 54° 07.4 N<br>Lon. 165°44.2 W   | <b>Free-oil Recovery</b><br>Maximize free-oil recovery in the offshore & nearshore environment of Akutan Harbor depending on spill location and trajectory. | Deploy free-oil recovery strike teams upwind and up current of Akutan Harbor.<br><br>Use aerial surveillance to locate incoming slicks.  | Deploy multiple free-oil recovery strike teams as required to maximize interception of oil before it impacts sensitive areas.  | Akutan Harbor.                    | Via marine waters<br><br>Chart 16532-1 | Same as AEB-03-02  | Vessel master should have local knowledge.<br><br>Use extreme caution, shoal waters with numerous reefs and rocks.             |
| AEB-03-02<br>   | <b>Akutan Harbor</b><br>a. Lat. 54° 08.02 N<br>Lon. 165°49.36 W<br>b. Lat. 54° 07.92 N<br>Lon. 165°49.39 W<br>c. Lat. 54° 07.64 N<br>Lon. 165°49.39 W<br>d. Lat. 54° 06.77 N<br>Lon. 165°44.39 W                     | <b>Exclusion</b><br>Exclude oil from impacting the identified stream and intertidal area in Akutan Harbor.  | Deploy anchors and boom with skiffs (class 6) at high tide.<br><br>Place 100 ft. sections of tidal-seal boom across each stream mouth on the beach behind the storm berm.<br><br>Tend throughout the tide. | <b>Deployment Equipment</b><br>400 ft. tidal-seal boom<br>4 ea. small anchor systems<br>16 ea. anchor stakes<br><b>Vessels</b><br>1 ea. class 3<br>2 ea. class 6<br><b>Personnel/Shift</b><br>7 ea. vessel crew<br><b>Tending Vessels</b><br>1 ea. class 3/4<br>2 ea. class 6<br><b>Personnel/Shift</b><br>5 ea. vessel crew | Vessel platform or Akutan Harbor. | Via marine waters<br><br>Chart 16532-1 | Fish- intertidal spawning-salmon (May-Sept.)<br><br>Birds-Seabird nesting<br><br>Marine mammals- otters<br><br>Human use-Subsistence, commercial fishing<br><br>Habitat- marsh,exposed tidal flats,gravel beaches, sheltered rocky shoreline | Site not surveyed.<br><br>Title 41 permitting required from ADNR.<br><br>Tested: not yet                                       |
| AEB-03-03<br> | <b>Akutan Harbor</b><br>Stream Locations<br>a. Lat. 54° 08.02 N<br>Lon. 165°49.36 W<br>b. Lat. 54° 07.92 N<br>Lon. 165°49.39 W<br>c. Lat. 54° 07.64 N<br>Lon. 165°49.39 W<br>d. Lat. 54° 06.77 N<br>Lon. 165°44.39 W | <b>Passive Recovery</b><br>Place passive recovery boom at each end of the exclusion booms that extend across the stream.                                    | Once the exclusion booms are deployed, place and anchor 25 ft. snare line or sorbent boom in the upper boom/shore interface on each end.<br><br>Replace as necessary to maximize the recovery.             | <b>Deployment Equipment</b><br>200 ft. snare line or sorbent boom<br>16 ea. anchor stakes<br><b>Vessels/Personnel/Shift</b><br>Same as AEB-03-02<br><b>Tending Vessels/Personnel/Shift</b><br>Same as AEB-03-02  | Vessel platform.                  | Via marine waters<br><br>Chart 16532-1 | Same as AEB-03-02  | Vessel master should have local knowledge.<br><br>Use snare line for persistent oils and sorbent boom for non-persistent oils. |